



## Stereo Turntable

# MODEL TP-92S

## SERVICE MANUAL

SANYO ELECTRIC TRADING CO., LTD.  
SANYO ELECTRIC CO., LTD.

OSAKA, JAPAN

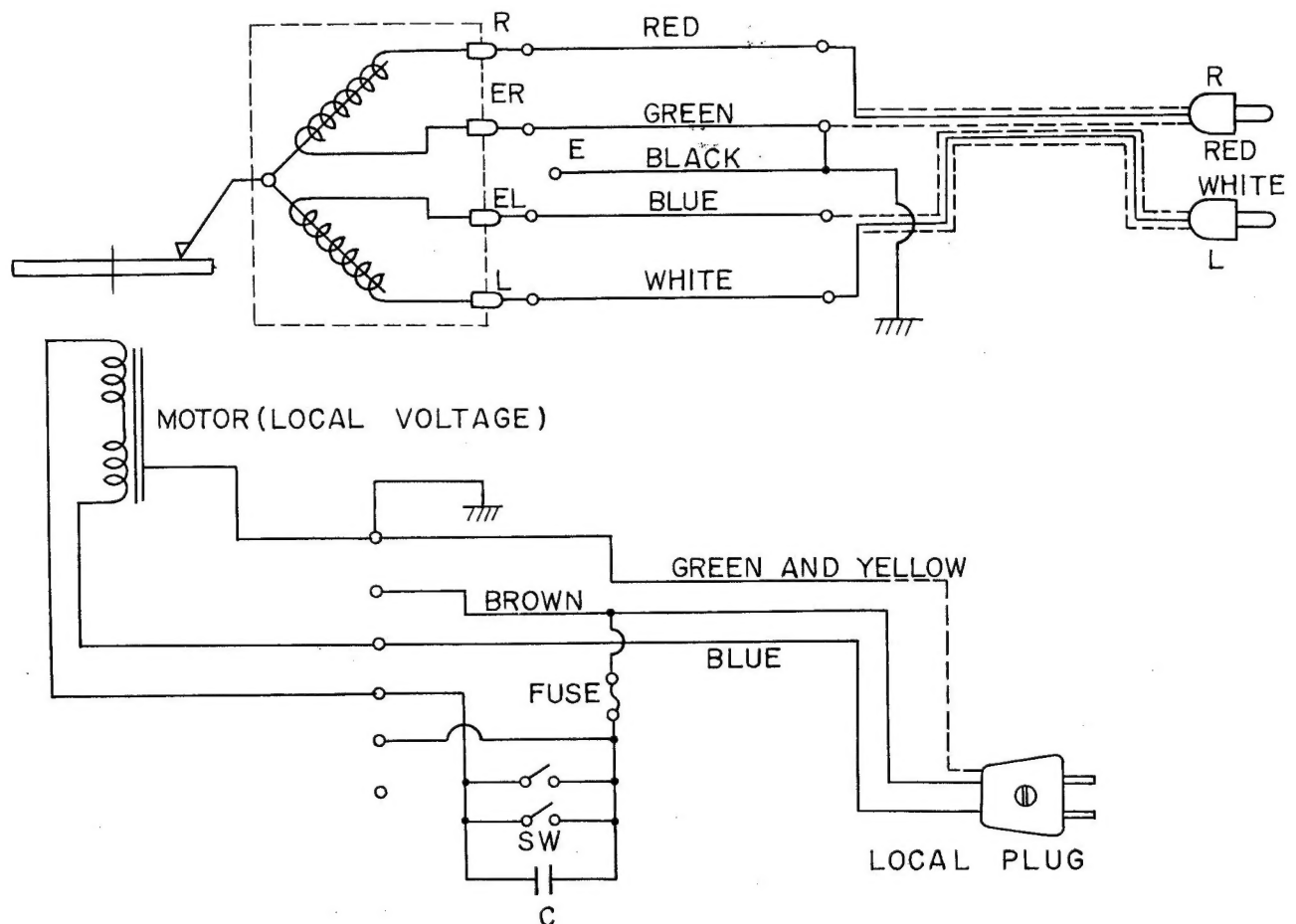


## SPECIFICATIONS

**Type** ..... 2-speed belt drive with automatic cut off, automatic tonearm return and tonearm lifter.  
**Tonearm** ..... Static balanced pipe arm, plug-in cartridge shell.  
**Cartridge** ..... Moving magnet stereo cartridge. Model MG-15.  
**Stylus** ..... 0.5 mil diamond stylus. Model ST-15GD  
**Tracking force** ..... 3 - 5 grams.  
**Motor** ..... 4-pole synchronous motor.  
**Turntable speeds** ..... 33-1/3 and 45 r.p.m.

**Turntable** ..... 30cm (12 inches) aluminum diecast.  
**Output** ..... 5mV at 1,000 Hz.  
**Frequency response** .. 20 - 20,000 Hz.  
**Wow & Flutter** ..... Less than 0.1%.  
**S/N** ..... More than 50 dB.  
**Channel separation** ... More than 25 dB at 1,000 Hz.  
**Power source** ..... A.C. 220 Volts, 50 Hz.  
**Dimensions** ..... Approx. 470(W) x 354(D) x 190(H)mm  
Approx. 18-1/2(W) x 14(D) x 7-1/2(H) inches.  
**Weight** ..... Approx. 8Kg (17-1/2 lbs)

## SCHEMATIC DIAGRAM



## PARTS LIST

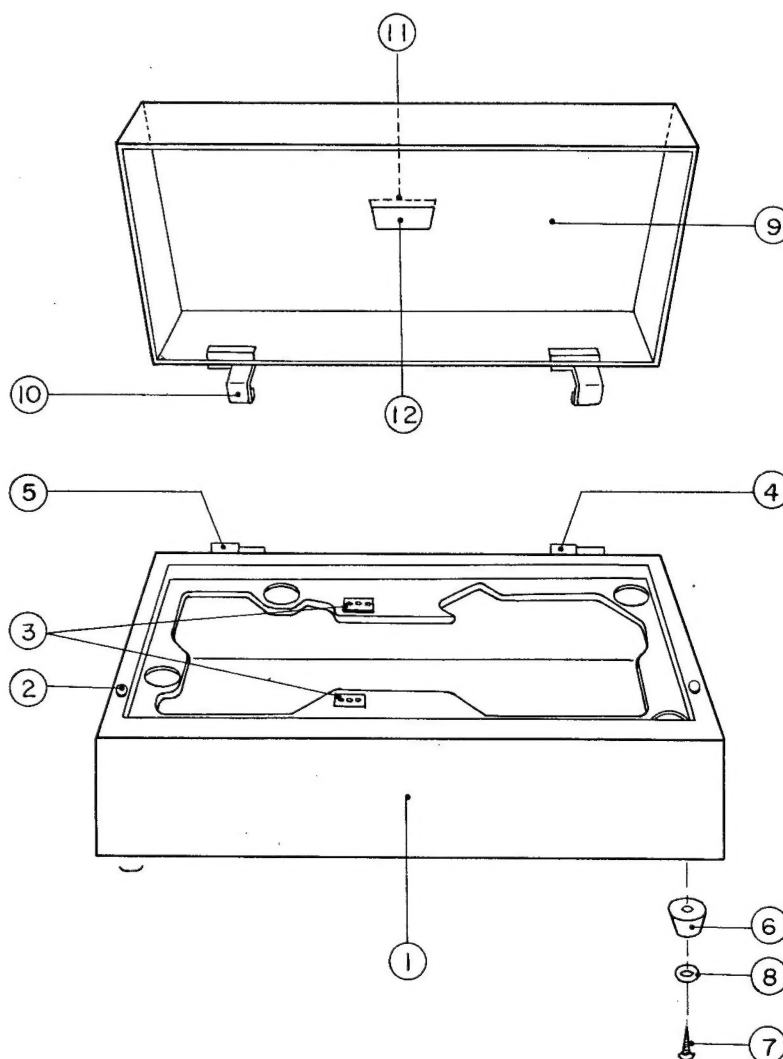
Ref. No.	Part No.	Description	Q'ty
<b>PACKAGE MATERIAL</b>			
	131 6 1139 36000	Carton box	1
	131 6 3009 15030	Pad Carton, Dust Cover	1
	131 6 3039 10700	Pad Styro-Foam, Pickup Tail	2
	131 6 3009 15051	Pad Carton, Top	1
	131 6 3009 15040	Pad Carton, Bottom	1
	131 6 3609 10700	Pad Corner Styro-Foam	8
	131 6 2319 15700	Bag Polyethylene, Player	1
	131 6 3069 14501	Packing Paper (500 x 800), Dust Cover	1
	131 6 9119 10100	Cilicagel (50g), Desiccative	1
	131 6 3069 14300	Packing Paper (300 x 550), Dust Cover Bottom	1
	131 6 2519 00201	Bag Polyethylene (320 x 400), Turntable	1
	131 6 2319 15800	Bag Polyethylene (320 x 350), Turntable Sheet	1
	131 6 2719 10300	Bag Fan	1
	131 6 4119 26500	Instruction Booklet	1
	131 6 4159 14700	Notes, Power Supply Voltage	1

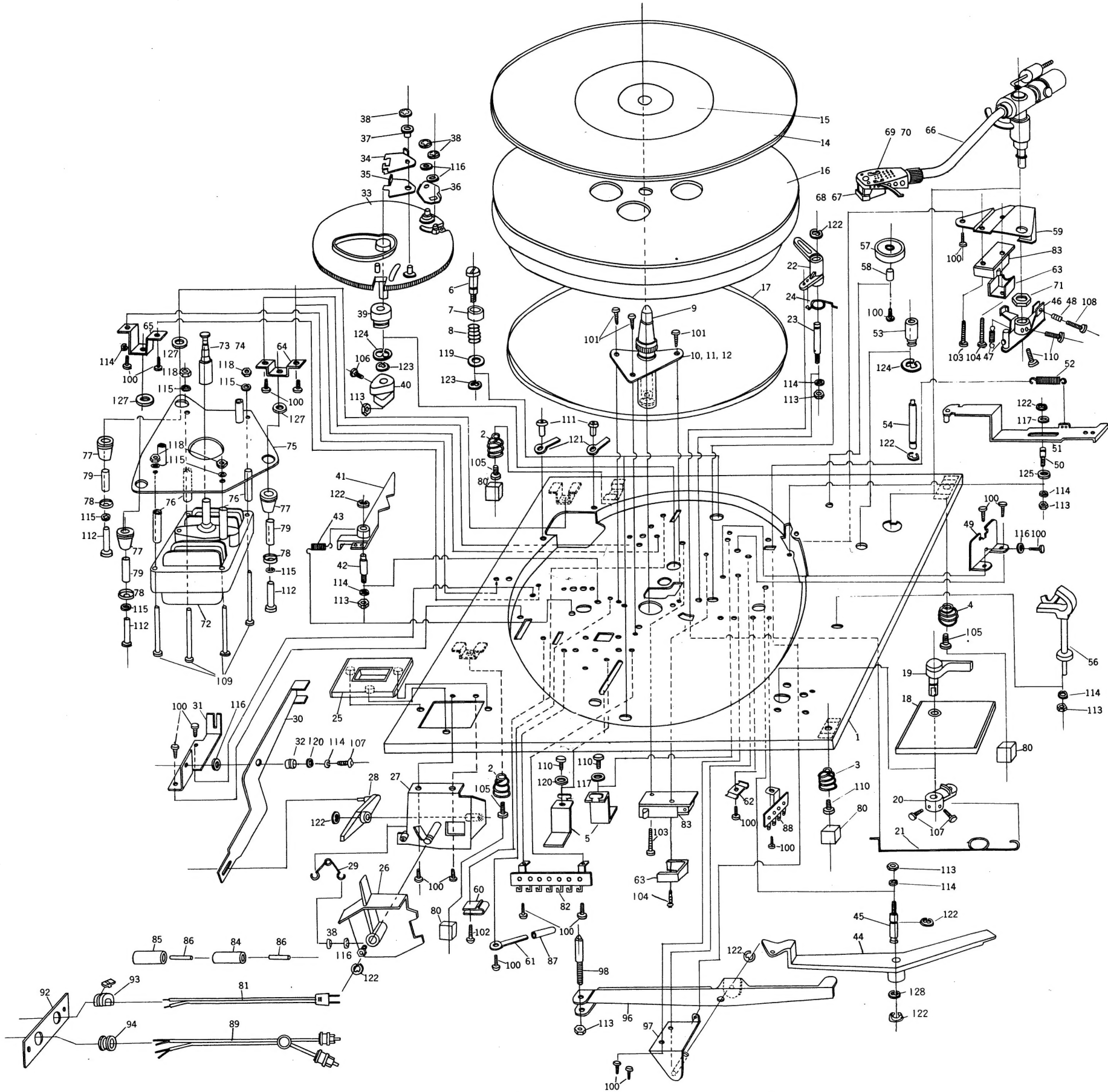
### Notes:

1. Parts orders must contain Model Number, Part Number and Description.
2. Unless otherwise noted, component parts indicated by parantheses in the column Q'ty are not available.
3. Ordering quantity of screws and/or resistors must be multiple of 10 pcs.

Ref. No.	Part No.	Description	Q'ty
<b>CABINET PARTS</b>			
1	131 2 1101 20700	Cabinet	1
2	131 2 2904 11200	Pad Lid	2
3	131 2 4212 00101	Nut Plate	2
		Wood Screw Round Hd. (+) 3.1 x 8	4
4	131 2 2108 00400	Hinge Right	1
		Wood Screw Round Hd. 3.1 x 13	3
5	131 2 2108 00401	Hinge Left	1
		Wood Screw Round Hd. (+) 3.1 x 13	3
6	131 2 1804 10401	Leg Rubber	4
7		Wood Screw Round Hd. (+) 3.1 x 10	4
8		Washer 3.2 x 8 x 0.5t	4
9	131 2 1107 14100	Dust Cover	1
10	131 2 2108 00300	Hinge	2
	131 2 5205 10300	Cushion	2
	131 2 4208 13101	Spacer	2
		Screw Countersunk Hd. 4 x 10	4
11	131 2 1310 13104	Name Plate A, Dust Cover Top	1
12	131 2 1310 15302	Name Plate B, Dust Cover inside	1
	131 2 1310 11833	Name Plate, Rating Plate	1
	131 6 4159 16901	Notes, Turntable	1
	134 6 4739 10102	Standard Label, Stylus Type	1
	131 6 4159 18100	Notes, Power Supply Voltage	1
		Wood Screw Round Hd. (+) 3.1 x 13, Metal Mount	2

## CABINET EXPLODED VIEW





PARTS LIST

Ref. No.	Part No.	Description	Q'ty
TURNTABLE			
1	134 0 6001 12101	Unit Plate Ass'y, Motor Board	1
	134 2 2101 11700	— Unit plate, Motor Board	(1)
	134 2 2403 12000	— Angle Mount, Spring Mount	(2)
	134 2 2403 12100	— Angle Mount, Spring Mount	(2)
	134 2 2403 12200	— Angle Mount	(1)
	134 2 4121 10500	— Guide	(1)
2	134 2 5102 12300	Spring Mounting	2
3	134 2 5102 12400	Spring Mounting	1
4	134 2 5102 12500	Spring Mounting	1
5	134 2 2403 12300	Angle Mount	2
6	134 2 2104 10800	Screw Transit	2
7	134 2 4213 10300	Washer Bowl	2
8	134 2 5101 20000	Spring	2
	134 0 9002 10300	Spindle Turntable Complete Ass'y	1
9	134 0 5002 10200	— Spindle Turntable Ass'y	1
	134 2 6107 10700	— Spindle Turntable	(1)
	134 2 4111 10400	— Gear Turntable	(1)
10	134 0 5010 10500	— Bracket Spindle T.T. Ass'y	1
11		— Washer Polyethylene	1
12		— Washer Felt	1
14	134 2 6102 12701	Mat Turntable	1
15	134 2 6103 10000	Plate Decorate T.T.	1
16	134 2 6101 11000	Turntable	1
17	134 2 6302 10400	Belt	1
18	134 0 1005 10305	Cover Rejector Ass'y	1
	134 2 1210 10605	— Plate Ind. Rejector	(1)
	134 2 1403 10400	— Cover Rejector	(1)
19	134 0 1004 12100	Knob Rejector Ass'y	1
	134 2 1601 12500	— Knob	(1)
	134 2 1608 00100	— Decorate Knob	(1)
20	134 2 4120 14500	Lever, Starter	1
21	134 2 5101 20100	Spring, Starter	1
22	134 2 4120 14600	Lever, Kick	1
23	134 2 4106 15000	Shaft, Kick	1
24	134 2 5101 20200	Spring, Kick	1
25	134 0 1007 00200	Cover Select Ass'y	1
	134 2 1208 10800	— Plate Ind. Speed	(1)
	134 2 1405 00100	— Cover Select	(1)
	134 0 5008 10200	Selector Speed Complete Ass'y	1
26	134 2 1601 12600	— Knob	1
27	134 0 6009 10800	Lever Set Ass'y	1
	134 2 2403 12400	— Angle Mount	(1)
	134 2 4106 15100	— Shaft 16 pin	(1)
	134 2 4106 15200	— Shaft 8 pin	(1)
	134 2 4106 15300	— Shaft, Spring	(1)
28	134 2 4127 10100	— Seasaw	1
29	134 2 5101 20300	Spring	1
	134 0 5003 10500	Jockey Arm Ass'y	1
30	134 2 4123 12800	— Arm	1
31	134 2 2403 12500	— Angle Mount	1
32	134 2 4107 00200	Collar	1
	134 0 6030 11001	Gear Cycling Ass'y	1
33	134 2 4110 10600	— Gear Cycling	(1)
34	134 2 4122 10800	— Trip (A)	(1)
35	134 2 4122 10900	— Trip (B)	(1)
36	134 2 4122 11000	— Trip (C)	(1)
37	134 2 4107 12600	Collar	(1)
38		— Circlip	3
39	134 2 4118 13500	Boss	1
40	134 2 4118 13600	Boss	1
41	134 2 4120 14700	Lever, Gear Stopper	1
42	134 2 4106 15400	Shaft, Gear Stopper	1
43	134 2 5101 20400	Spring	1
44	134 2 4123 12900	Arm, Return Arm	1
45	134 2 4106 15500	Shaft, Return Arm	1
	134 0 9902 10100	Plate P.U. Complete Ass'y	1
46	134 0 6022 10400	— Plate P.U. Ass'y	1
	134 2 4108 13500	— Plate	1
	134 0 6022 10500	— Plate P.U. Fix Ass'y	1
	134 2 4108 13600	— Plate	(1)
	134 2 4109 16200	— Pin	(1)
	134 2 4118 13700	— Boss	(1)
47	134 2 5101 20500	— Spring	(1)
48	134 2 5101 20600	— Spring	(1)
49	134 2 4121 10600	Guide	1
50	134 2 4106 15700	Shaft	1

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PARTS LIST

Ref. No.	Part No.	Description	Q'ty
TURNTABLE			
120		Washer, Polyethylene 4 x 10 x 0.8t	1
121		Washer 4φ	2
122		Circlip 3φ	9
123		Circlip 4φ	3
124		Circlip 8φ	2
125		Washer 3 x 8 x 1t	1
126		Washer 3 x 12 x 1t	1
127		Washer 4 x 18 x 1t	3
128		Washer 5 x 10 x 0.3t	1

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